

SHAP-110 (Seq Listing)\_ST25  
SEQUENCE LISTING

<110> Shapiro, Leland

<120> Inhibitors of Serine Protease Activity, Methods and Compositions  
for Treatment of Nitric Oxide-Induced Clinical Conditions

<130> SHAP-000110 (Formerly 330310.00101)

<140> 10/669,441  
<141> 2003-09-25

<150> 10/427,929  
<151> 2003-05-02

<160> 1

<170> PatentIn version 3.4

<210> 1  
<211> 417  
<212> PRT  
<213> Homo sapiens

<300>  
<301> Ciliberto, et al.  
<303> Cell  
<304> 41  
<306> 531-540  
<307> 1985

<400> 1

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Lys Thr Asp Thr Ser His His Asp Gln Asp His Pro Thr Phe Asn Lys  
35 40 45

Ile Thr Pro Asn Leu Ala Glu Phe Ala Phe Ser Leu Tyr Arg Gln Leu  
50 55 60

Ala His Gln Ser Asn Ser Thr Asn Ile Phe Phe Ser Pro Val Ser Ile  
65 70 75 80

Ala Thr Ala Phe Ala Met Leu Ser Leu Gly Thr Lys Ala Asp Thr His  
85 90 95

Asp Glu Ile Leu Glu Gly Leu Asn Phe Asn Leu Thr Glu Ile Pro Glu  
100 105 110

Ala Gln Ile His Glu Gly Phe Gln Glu Leu Leu Arg Thr Leu Asn Gln  
115 120 125

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Pro Asp Ser Gln Leu Gln Leu Thr Thr Gly Asn Gly Leu Phe Leu Ser  
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 Glu Gly Leu Lys Leu Val Asp Lys Phe Leu Glu Asp Val Lys Lys Leu  
 145 150 155 160  
 Tyr His Ser Glu Ala Phe Thr Val Asn Phe Gly Asp His Glu Glu Ala  
 165 170 175  
 Lys Lys Gln Ile Asn Asp Tyr Val Glu Lys Gly Thr Gln Gly Lys Ile  
 180 185 190  
 Val Asp Leu Val Lys Glu Leu Asp Arg Asp Thr Val Phe Ala Leu Val  
 195 200 205  
 Asn Tyr Ile Phe Phe Lys Gly Lys Trp Glu Arg Pro Phe Glu Val Lys  
 210 215 220  
 Asp Thr Glu Asp Glu Asp Phe His Val Asp Gln Val Thr Thr Val Lys  
 225 230 235 240  
 Val Pro Met Met Lys Arg Leu Gly Met Phe Asn Ile Gln His Cys Lys  
 245 250 255  
 Lys Leu Ser Ser Trp Val Leu Leu Met Lys Tyr Leu Gly Asn Ala Thr  
 260 265 270  
 Ala Ile Phe Phe Leu Pro Asp Glu Gly Lys Leu Gln His Leu Glu Asn  
 275 280 285  
 Glu Leu Thr His Asp Ile Ile Thr Lys Phe Leu Glu Asn Glu Asp Arg  
 290 295 300  
 Arg Ser Ala Ser Leu His Leu Pro Lys Leu Ser Ile Thr Gly Thr Tyr  
 305 310 315 320  
 Asp Leu Lys Ser Val Leu Gly Gln Leu Gly Ile Thr Lys Val Phe Ser  
 325 330 335  
 Asn Gly Ala Asp Leu Ser Gly Val Thr Glu Glu Ala Pro Leu Lys Leu  
 340 345 350  
 Ser Lys Ala Val His Lys Ala Val Leu Thr Ile Asp Glu Lys Gly Thr  
 355 360 365  
 Glu Ala Ala Gly Ala Met Phe Leu Glu Ala Ile Pro Met Ser Ile Pro

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375 380

Pro Glu Val Lys Phe Asn Lys Pro Phe Val Phe Leu Met Ile Glu Gln  
385 390 395 400

Asn Thr Lys Ser Pro Leu Phe Met Gly Lys Val Val Asn Pro Thr Gln  
405 410 415

Lys